



PATENT APPLICATION

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9/30/98
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In re the Application of
Alcino Resende de ALMEIDA

Application No: 08/859,353

Group Art Unit: 3407

Filed: May 20, 1997

Examiner: K. LEE

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JUL 31 1998

For: SEAT FOR GATE VALVE

AMENDMENT UNDER 37 C.F.R. 1.111

GROUP 3200

Assistant Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

In response to the Office Action dated January 26, 1998, please
amend the above-identified application as follows:

IN THE CLAIMS:

Cancel claim 3 in its entirety and without prejudice and
substitute therefor the following claim:

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- 1. An apparatus for controlling gas lift in an oil well
having a casing with tubing concentrically disposed therein, said
apparatus comprising a gas lift valve mounted on said tubing and having
an inlet end in communication with a space between said tubing and said
casing and an outlet in communication with an interior of said tubing,
said gas lift valve consisting of a housing and a nozzle mounted in said
housing, said nozzle having a continuously open passage through which
gas is allowed to flow, wherein said passage consists of a curved inlet
portion through which gas flow is speeded up, a smooth straight,
intermediate portion providing a main restriction to gas flow and a
smooth, outwardly tapered, conical shaped outlet portion through which